

ABSTRACT OF THE DISCLOSURE

[0062] A device is formed by the process into a bone screw or fastener, wherein the head has a degree of polymer alignment and strength, and wherein the shank has a higher degree of polymer alignment and strength. In practice of the present invention, the polymer slug is pressed into the die cavity by the actuation of ram press, causing the slug to conform to the die cavity. Through this process, the polymer molecular orientation is aligned to different degrees, in different zones of the device.